

# Mechanical Integrity Test Results

SCAN CODE: 28

## Casing or Annulus Pressure Test

Osage Nation / Environmental Protection Agency

P.O. Box 1495

Pawhuska, OK 74056

Inspector: J. Andrew YatesTest Date: 07/13/2016 Test Time: 10:30 AMOperator Representative: TAYLOR NEWCOMB

Date Report Sent to Operator: \_\_\_\_\_

### General Well Data

Operator: Chaparral Energy - 158 Inventory Number: OS6273094  
701 Cedar Lake Blvd. API Well No.: 35-113-21339-89-36  
OKC, OK 73114 Well Name/No.: NBU 10-18W  
Location: NE 11 27N 5E 990S - 625W  
Phone: (405) 426-4397 Field name: \_\_\_\_\_  
Injection Interval: 3017 - 3124 USDW Bot: \_\_\_\_\_ Well Type: IER  
Annulus Fluid Type: PFFW Concentric Pkr: - Packer Depth: 2990 Casing: 7.000 in. Tubing: 2.375 in.

### Tubing and Annulus Pressure Test Results

Type of MIT: SAPT Test Reason: #Name?  
Inj. Status: N Inj. Rate: 0 bpd Tubular Lining: Plastic Time Since Ann Filled: \_\_\_\_\_ Hrs

	<u>Time</u>	<u>Tubing Pressure</u>	<u>Time</u>	<u>Annulus Pressure</u>
Pre-Test:		<u>700</u>		<u>0</u> psi
Initial:	<u>10:30 AM</u>	<u>700</u>		<u>200</u> psi
Mid:	<u>10:45 AM</u>	<u>700</u>		<u>200</u> psi
Final:	<u>11:00 AM</u>	<u>700</u>		<u>200</u> psi

<u>Flowback</u>	<u>Pressure</u>	<u>Volume</u>
High:	<u>200</u> psi	
Mid:	<u>100</u> psi	<u>4500</u> ml
Low:	<u>20</u> psi	<u>3000</u> ml
End:	<u>0</u> psi	<u>2000</u> ml
Total Volume:		<u>9500</u> ml

#### Casing/Tubing Annulus Monitoring

Device: \_\_\_\_\_

Fluid Level: \_\_\_\_\_ Annulus Prs: \_\_\_\_\_ psi

Test Result: Acceptable  
Failure Type: \_\_\_\_\_  
Failure Cause: \_\_\_\_\_  
Repair Due: \_\_\_\_\_  
Engineer Signature: Rick L. Davis  
Review Date: 08/01/2016

#### ADA Pressure Test - Required Test Pressure

(Fluid Column Ht \* Specific Gravity \* .433 / N2 Wt Fac = Required Test Pressure)

	<u>Tubing</u>	<u>Annulus</u>
Depth to Top Perf/Open Hole:	_____ ft	_____ ft
Depth to Fluid Level:	_____ ft	_____ ft
Fluid Column Height:	_____ ft	_____ ft
Specific Gravity of Fluid:	<u>1.06</u>	<u>1.06</u>
Nitrogen Weight Factor:	_____	_____
Required Test Pressure:	_____ psi	_____ psi

### Additional Comments for Mechanical Integrity Test

NEW CONVERSION WELL, DEEPENED WELL. TK 70  
XT - PLASTIC COATED TBG. 100 JTS.

Received Date: 8/15/2016